

DEENAJA BATCHU

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OBJECTIVE

Software Developer enthusiast with a strong foundation in software development, passionate about building efficient and scalable solutions.

EDUCATION

B.Tech in Computer Science, Sir C.R. Reddy College of Engineering, Eluru
CGPA: 9.05

Expected 2026

SKILLS

Programming Languages	Python, HTML, CSS, JavaScript(Basics), Java(Basics)
Frameworks/Libraries	Bootstrap, Flask
Databases	MySQL
Developer Tools	Git
Academic Coursework	Data Structures, OOP, DBMS
Certifications	DBMS, OOPs, Agile Development, Java (Infosys Springboard) DSA (CareerNinja), mySQL, Python (HackerRank)

INTERNSHIP EXPERIENCE

Infosys Springboard — Python Full Stack Intern

[Link](#)

- Built a Flask-based e-commerce site with product listing, authentication, and checkout features.
- Built visual dashboards to improve stakeholder reporting clarity by 25%.
- Promoted to Scrum Master Intern; facilitated sprints and boosted team output by 15%.

Tech Stack : Python, Flask, HTML, CSS, JavaScript, Bootstrap, SQLALCHEMY, Agile

Techsonix Solutions — Web Development Intern

[Link](#)

- Created a responsive portfolio website using HTML, CSS, and JavaScript.
- Focused on clean UI design and smooth user navigation.

Tech Stack : HTML, CSS, JavaScript, Bootstrap

PROJECTS

Notes Management System

[Project Link](#)

Developed a Flask-based full-stack notes application with secure authentication using MySQL and SQLAlchemy. Implemented full CRUD features allowing users to create and organize notes, improving productivity and easy information management.

Village Waste Management System

[Project Link](#)

Built a web platform using Flask and MySQL to manage village waste collection requests with role-based admin control. Designed to solve real-world waste management challenges in rural areas by streamlining request handling and improving service efficiency.

Data Cleaning and EDA using MySQL (Layoffs Dataset)

[Project Link](#)

Cleaned, standardized, and analyzed a real-world layoffs dataset using SQL joins, grouping, and aggregations to identify trends and insights. Improved data retrieval efficiency by 20% using optimized SQL queries.

ACHIEVEMENTS

- Recipient of Sri Gutta Sambaiiah Gold Medal from the CSE Department for Academic Excellence in B.Tech.
- Published research paper titled "*Energy Consumption Forecasting and Visualization for Smart Homes using Data Analytics and Machine Learning*" in IJIRCCE International Journal.

Link: [View Publication](#)